



RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

PO 1-3574
Nixon & Vanderhye P.C. (5/93)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I, the undersigned inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ENCODING RATE
CONTROLLING APPARATUS AND INFORMATION ENCODING APPARATUS

the specification of which (check applicable box(es)):

[☒] is attached hereto.

[] was filed on _____ as U.S. Application Serial No. _____

was filed as PCT international application No. PCT/_____/____ on _____

and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s):

Application Number

Country

Day/Month/Year Filed

P10-302294

Japan

23/10/1998

P11-237817

Japan

25/08/1999

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.

Day/Month/Year Filed

Status: patented,
pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Road, 8th Floor, Arlington, Virginia 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Paul J. Henon, 33626; Jeffrey H. Nelson, 30481; John R. Lasrova, 33149; H. Warren Burnam, Jr., 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955.

1) Inventor's Signature Tsutomu Takahashi Date October 15, 1999

Inventor's Name (typed) Tsutomu TAKAHASHI Japanese

First

Middle Initial

Family Name

Citizenship

Residence (City) Tsurugashima-shi (State/Foreign Country) Saitama-ken, Japan

Post Office Address c/o Pioneer Corporation, Sougou Kenkyusho.
No. 6-1-1 Fujimi, Tsurugashima-shi, Saitama-ken, Japan Zip Code 350-2201

2) Inventor's Signature Donghua Liu Date October 15, 1999

Inventor's Name (typed) Donghua LIU Chinese

First

Middle Initial

Family Name

Citizenship

Residence (City) Tsurugashima-shi (State/Foreign Country) Saitama-ken, Japan

Post Office Address c/o Pioneer Corporation, Sougou Kenkyusho.
No. 6-1-1 Fujimi, Tsurugashima-shi, Saitama-ken, Japan Zip Code 350-2201

3) Inventor's Signature Yasuyuki Umebara Date October 15, 1999

Inventor's Name (typed) Yasuyuki UMEHARA Japanese

First

Middle Initial

Family Name

Citizenship

Residence (City) Tsurugashima-shi (State/Foreign Country) Saitama-ken, Japan

Post Office Address c/o Pioneer Corporation, Tokorozawa Works., No. 2610
Hanazono 4-chome, Tokorozawa-shi, Saitama-ken, Japan Zip Code 359-0047

FOR ADDITIONAL INVENTORS, check box [] and attach sheet with same information and signature and date for each.
"This copy of the declaration from Application No. 09/426,581 is intended for the attached application submitted herewith."

OCT 21 2003

theification of which (check applicable box(es)):

(, attached hereto.

[X] was filed on October 25, 1999 as U.S. Application Serial No. 09/426,581

[] was filed as PCT international application No. PCT/_____/_____ on _____
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s):

Application Number

Country

Day/Month/Year Filed

P10-302294

Japan

23/10/1998

P11-237817

Japan

25/08/1999

I hereby claim the benefit under 35 U.S.C. 120/363 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.

Day/Month/Year Filed

Status: patented,
pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Road, 8th Floor, Arlington, Virginia 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 32770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Paul J. Henon, 33626; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr., 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955.

1) Inventor's Signature _____ Date _____

Inventor's Name (typed)	Tsutomu		TAKAHASHI	Japanese
	First	Middle Initial	Family Name	Citizenship

Residence (City) Tsurugashima-shi (State/Foreign Country) Saitama-ken, Japan

Post Office Address No. 6-1-1 Fujimi, Tsurugashima-shi, Saitama-ken, Japan Zip Code 350-2201

2) Inventor's Signature _____ Date _____

Inventor's Name (typed)	Donghua	LIU	Chinese
	First	Middle Initial	Family Name

Residence (City) Tsurugashima-shi (State/Foreign Country) Saitama-ken, Japan

Post Office Address No. 6-1-1 Fujimi, Tsurugashima-shi, Saitama-ken, Japan Zip Code 350-2201

3) Inventor's Signature Tasuyuki Umedhara Date January 18, 2000

Inventor's Name (typed)	Yasuyuki	UMEHARA	Japanese
	First	Middle Initial	Family Name
			Citizenship

Place (City) Tokorozawa-shi (State/Foreign Country) Saitama-ken, Japan

Post Office Address c/o Pioneer Corporation, Tokorozawa Works. No. 2610
Hanazono 4-chome, Tokorozawa-shi, Saitama-ken, Japan Zip Code 359-0047

FOR ADDITIONAL INVENTORS, check box () and attach sheet with same information and signature and date for each.

"This copy of the declaration from Application No. 09/426,581 is intended for the attached application submitted herewith."